Test Report
Rate of Spread of Prime Coat

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Location	At Site
Material	Bitumen
Sample No	6
Date	11-Mar-2020

Sl. No.	Determination	Unit	Test No 1		
			Longitudinal Distribution		
1	Size of Plate (mxn)	m^2	0.2x0.2	0.2x0.2	0.2x0.2
2	Area of the Plate (a)	m^2	0.04	0.04	0.04
3	Initial weight of the empty Plate (b)	kg	1.641	1.641	1.641
4	Final weight of plate after application of Tack Coat (c)	kg	1.696	1.653	1.65
5	Weight of Prime coat/ Tack Coat (d = c-b)	kg	0.055	0.012	0.009
6	Rate of spread (d/a)	kg / m^2	1.375	0.3	0.225
7	Average	kg / m^2	0.633		
8	Specified Limit	kg / m^2	Not less than 0.6 kg / m^2		

Results: Rate of Spread of Prime Coat / Tack Coat is: 0.633 kg / m2

Note:

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For Mecadez Core Technologies Private Limited

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Test Report

Rate of Spread of Prime Coat

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Location	At Site
Material	Bitumen
Sample No	7
Date	13-Mar-2020

Sl. No.	Determination	Unit	Test No 1 Longitudinal Distribution		
1	Size of Plate (mxn)	m^2	0.2x0.2	0.2x0.2	0.2x0.2
2	Area of the Plate (a)	m^2	0.04	0.04	0.04
3	Initial weight of the empty Plate (b)	kg	1.641	1.641	1.641
4	Final weight of plate after application of Tack Coat (c)	kg	1.694	1.655	1.654
5	Weight of Prime coat/ Tack Coat (d = c-b)	kg	0.053	0.014	0.013
6	Rate of spread (d/a)	kg / m^2	1.325	0.35	0.325
7	Average	kg / m^2	0.667		
8	Specified Limit	kg / m^2	Not less than 0.6 kg / m^2		

Results: Rate of Spread of Prime Coat / Tack Coat is: 0.667 kg / m2

Note:

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Test Report
Rate of Spread of Prime Coat

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Location	At Site
Material	Bitumen
Sample No	8
Date	13-Mar-2020

Sl. No.	Determination	Unit	Test No 1		
			Longitudinal Distribution		
1	Size of Plate (mxn)	m^2	0.2x0.2	0.2x0.2	0.2x0.2
2	Area of the Plate (a)	m^2	0.04	0.04	0.04
3	Initial weight of the empty Plate (b)	kg	1.641	1.641	1.641
4	Final weight of plate after application of Tack Coat (c)	kg	1.695	1.654	1.651
5	Weight of Prime coat/ Tack Coat (d = c-b)	kg	0.054	0.013	0.01
6	Rate of spread (d/a)	kg / m^2	1.350	0.325	0.250
7	Average	kg / m^2	0.642		
8	Specified Limit	kg / m^2	Not less than 0.6 kg / m^2		

Results: Rate of Spread of Prime Coat / Tack Coat is: 0.642 kg / m2

Note:

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Test Report
Rate of Spread of Prime Coat

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Location	At Site
Material	Bitumen
Sample No	9
Date	13-Mar-2020

Sl. No.	Determination	Unit	Test No 1		
			Longitudinal Distribution		
1	Size of Plate (mxn)	m^2	0.2x0.2	0.2x0.2	0.2x0.2
2	Area of the Plate (a)	m^2	0.04	0.04	0.04
3	Initial weight of the empty Plate (b)	kg	1.641	1.641	1.641
4	Final weight of plate after application of Tack Coat (c)	kg	1.695	1.656	1.653
5	Weight of Prime coat/ Tack Coat (d = c-b)	kg	0.054	0.015	0.012
6	Rate of spread (d/a)	kg / m^2	1.350	0.375	0.300
7	Average	kg / m^2	0.675		
8	Specified Limit	kg / m^2	Not less than 0.6 kg / m^2		

Results: Rate of Spread of Prime Coat / Tack Coat is: 0.675 kg / m2

Note:

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Test Report
Aggregate Impact Value

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Material	Coarse Aggregate
Test Method	IS : 2386 (Part - 4) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	At Site
Sample No	1
Date	6-Mar-2020

Sl. No.	Determination	Unit	Trails	
1	Weight of empty cylinder, w1	gm	960	960
2	Weight of container filled with Aggregate, w2	gm	1305	1307
3	Weight of the Aggregate before compaction, (w2 - w1) = w3	gm	345	347
4	Weight of the sample passing through 2.36 mm IS sieves after Impact, w4	gm	82	85
5	Weight of the sample retained on 2.36 mm IS sieve after Impact, w5	gm	263	262
6	Aggregate Impact Value (w4 / w3)x100	%	23.77	24.50
7	Specified Limit	%	30	

Results: Average Aggregate Impact Value: **24.14** %

Note:

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Test Report
Aggregate Impact Value

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	IS : 2386 (Part - 4) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	At Site
Material	Coarse Aggregate
Sample No	2
Date	9-Mar-2020

Sl. No.	Determination	Unit	Trails	
1	Weight of empty cylinder, w1	gm	960	960
2	Weight of container filled with Aggregate, w2	gm	1310	1312
3	Weight of the Aggregate before compaction, (w2 - w1) = w3	gm	350	352
4	Weight of the sample passing through 2.36 mm IS sieves after Impact, w4	gm	80	83
5	Weight of the sample retained on 2.36 mm IS sieve after Impact, w5	gm	270	269
6	Aggregate Impact Value (w4 / w3)x100	%	22.86	23.58
7	Specified Limit	%	30	

Results: Average Aggregate Impact Value: **23.22** %

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Test Report
Aggregate Impact Value

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	IS : 2386 (Part - 4) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	At Site
Material	Coarse Aggregate
Sample No	3
Date	11-Mar-2020

Sl. No.	Determination	Unit	Trails	
1	Weight of empty cylinder, w1	gm	960	960
2	Weight of container filled with Aggregate, w2	gm	1315	1317
3	Weight of the Aggregate before compaction, (w2 - w1) = w3	gm	355	357
4	Weight of the sample passing through 2.36 mm IS sieves after Impact, w4	gm	78	81
5	Weight of the sample retained on 2.36 mm IS sieve after Impact, w5	gm	277	276
6	Aggregate Impact Value (w4 / w3)x100	%	21.97	22.69
7	Specified Limit	%	30	

Results: Average Aggregate Impact Value: **22.33** %

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Test Report
Aggregate Particle Shape

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	At site
Material	Coarse Aggregates
Sample No	1
Date	6-Mar-2020

I.S. Sieves Size		Weight of Retained Sample on Each Sieve (minimum 200 Pieces) (gm)	Flakiness Index		Elongation Index	
Passing through IS Sieves (mm)	Retained on IS Sieves (mm)		Thickness Gauge	Weight of Aggregates in each fraction passing on thickness gauges (gm)	Length Gauge	Weight of Aggregates in Fraction retained on length gauges (gm)
63	50	0	33.9	0	-	0
50	40	0	27	0	81	0
40	25	25	19.5	0	58.5	0
31.5	25	35	16.95	0	-	0
25	20	1558	13.5	238	40.5	256
20	16	1447	10.8	126	32.4	153
16	12.5	952	8.55	147	25.6	154
12.5	10	468	6.75	70	20.2	76
10	6.3	230	4.89	52	14.7	59
	SW	4715	SWf	633	SWe	698

Flakiness Index 13.43 %
Elongation Index 14.80 %
Combined Flakiness and Elongation Indices : 28.23 %

Comments: Maximum allowable Combined Flakiness and Elongation Indices for WMM is 35%

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Test Report
Aggregate Particle Shape

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	At site
Material	Coarse Aggregates
Sample No	2
Date	6-Mar-2020

I.S. Sieves Size		Weight of Retained Sample on Each Sieve (minimum 200 Pieces) (gm)	Flakiness Index		Elongation Index	
Passing through IS Sieves (mm)	Retained on IS Sieves (mm)		Thickness Gauge	Weight of Aggregates in each fraction passing on thickness gauges (gm)	Length Gauge	Weight of Aggregates in Fraction retained on length gauges (gm)
63	50	0	33.9	0	-	0
50	40	0	27	0	81	0
40	25	27	19.5	0	58.5	0
31.5	25	37	16.95	0	-	0
25	20	1557	13.5	237	40.5	255
20	16	1448	10.8	127	32.4	154
16	12.5	955	8.55	150	25.6	157
12.5	10	471	6.75	73	20.2	79
10	6.3	233	4.89	55	14.7	62
	SW	4728	SWf	642	SWe	707

Flakiness Index 13.58 %
Elongation Index 14.95 %
Combined Flakiness and Elongation Indices : 28.53 %

Comments: Maximum allowable Combined Flakiness and Elongation Indices for WMM is 35%

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Test Report

Aggregate Particle Shape

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	At site
Material	Coarse Aggregates
Sample No	3
Date	6-Mar-2020

I.S. Sieves Size		Weight of Retained Sample on Each Sieve (minimum 200 Pieces) (gm)	Flakiness Index		Elongation Index	
Passing through IS Sieves (mm)	Retained on IS Sieves (mm)		Thickness Gauge	Weight of Aggregates in each fraction passing on thickness gauges (gm)	Length Gauge	Weight of Aggregates in Fraction retained on length gauges (gm)
63	50	0	33.9	0	-	0
50	40	0	27	0	81	0
40	25	22	19.5	0	58.5	0
31.5	25	32	16.95	0	-	0
25	20	1573	13.5	253	40.5	271
20	16	1433	14.5	112	41.5	139
16	12.5	970	15.5	165	42.5	172
12.5	10	489	16.5	91	43.5	97
10	6.3	252	17.5	74	44.5	81
	SW	4771	SWf	695	SWe	760

Flakiness Index 14.57 %
Elongation Index 15.93 %
Combined Flakiness and Elongation Indices : 30.50 %

Comments: Maximum allowable Combined Flakiness and Elongation Indices for WMM is 35%

Note:

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Test Report
Aggregate Particle Shape

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	At site
Material	Coarse Aggregates
Sample No	4
Date	6-Mar-2020

I.S. Sieves Size		Weight of Retained Sample on Each Sieve (minimum 200 Pieces) (gm)	Flakiness Index		Elongation Index	
Passing through IS Sieves (mm)	Retained on IS Sieves (mm)		Thickness Gauge	Weight of Aggregates in each fraction passing on thickness gauges (gm)	Length Gauge	Weight of Aggregates in Fraction retained on length gauges (gm)
63	50	0	33.9	0	-	0
50	40	0	27	0	81	0
40	25	27	19.5	0	58.5	0
31.5	25	37	16.95	0	-	0
25	20	1572	13.5	252	40.5	270
20	16	1433	10.8	112	32.4	139
16	12.5	970	8.55	165	25.6	172
12.5	10	489	6.75	91	20.2	97
10	6.3	253	4.89	75	14.7	82
	SW	4781	SWf	695	SWe	760

Flakiness Index 14.54 %
Elongation Index 15.90 %
Combined Flakiness and Elongation Indices : 30.43 %

Comments: Maximum allowable Combined Flakiness and Elongation Indices for WMM is 35%

Note:

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Test Report
Aggregate Particle Shape

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	At site
Material	Coarse Aggregates
Sample No	5
Date	6-Mar-2020

I.S. Sieves Size		Weight of Retained Sample on Each Sieve (minimum 200 Pieces) (gm)	Flakiness Index		Elongation Index	
Passing through IS Sieves (mm)	Retained on IS Sieves (mm)		Thickness Gauge	Weight of Aggregates in each fraction passing on thickness gauges (gm)	Length Gauge	Weight of Aggregates in Fraction retained on length gauges (gm)
63	50	0	33.9	0	-	0
50	40	0	27	0	81	0
40	25	30	19.5	0	58.5	0
31.5	25	40	16.9	0	-	0
25	20	1553	13.5	233	40.5	251
20	16	1432	10.8	111	32.4	138
16	12.5	929	8.55	124	25.6	131
12.5	10	473	6.75	75	20.2	81
10	6.3	262	4.89	84	14.7	91
	SW	4719	SWf	627	SWe	692

Flakiness Index 13.29 %
Elongation Index 14.66 %
Combined Flakiness and Elongation Indices : 27.95 %

Comments: Maximum allowable Combined Flakiness and Elongation Indices for WMM is 35%

Note:

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Test Report
Aggregate Gradation

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	1
Date	6-Mar-2020

Weight of Sample: 4000 gms

Sl. No.	I.S. Sieve size (mm)	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORT&H	
1	53	0	0	0	100	100	Gradation satisfies the MORT&H Specification for Wet Mix macadam
2	45	107	2.68	2.68	97.32	95-100	
3	22.4	1105	27.63	30.31	69.69	60-80	
4	11.2	804	20.1	50.41	49.59	40-60	
5	4.75	715	17.88	68.29	31.71	25-40	
6	2.36	390	9.75	78.04	21.96	15-30	
7	0.06	297	7.43	85.47	14.53	(8-22)	
8	0.075	438	10.95	96.42	3.58	0-5	

Note:

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Test Report
Aggregate Gradation

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	2
Date	6-Mar-2020

Weight of Sample: 4000 gms

Sl. No.	I.S. Sieve size (mm)	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORT&H	
1	53	0	0	0	100	100	Gradation satisfies the MORT&H Specification for Wet Mix macadam
2	45	107.5	2.69	2.69	97.31	95-100	
3	22.4	1105.5	27.64	30.33	69.67	60-80	
4	11.2	804.5	20.11	50.44	49.56	40-60	
5	4.75	715.5	17.89	68.33	31.67	25-40	
6	2.36	390.5	9.76	78.09	21.91	15-30	
7	0.06	297.5	7.44	85.53	14.47	(8-22)	
8	0.075	438.5	10.96	96.49	3.51	0-5	

Note:

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Test Report
Aggregate Gradation

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	3
Date	6-Mar-2020

Weight of Sample: 4000 gms

Sl. No.	I.S. Sieve size (mm)	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORT&H	
1	53	0	0	0	100	100	Gradation satisfies the MORT&H Specification for Wet Mix macadam
2	45	109	2.73	2.73	97.27	95-100	
3	22.4	1107	27.68	30.41	69.59	60-80	
4	11.2	806	20.15	50.56	49.44	40-60	
5	4.75	717	17.93	68.49	31.51	25-40	
6	2.36	392	9.8	78.29	21.71	15-30	
7	0.06	299	7.48	85.77	14.23	(8-22)	
8	0.075	440	11	96.77	3.23	0-5	

Note:

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Test Report
Aggregate Gradation

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	4
Date	6-Mar-2020

Weight of Sample: 4000 gms

Sl. No.	I.S. Sieve size (mm)	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORT&H	
1	53	0	0	0	100	100	Gradation satisfies the MORT&H Specification for Wet Mix macadam
2	45	110.5	2.76	2.76	97.24	95-100	
3	22.4	1108.5	27.71	30.47	69.53	60-80	
4	11.2	807.5	20.19	50.66	49.34	40-60	
5	4.75	718.5	17.96	68.62	31.38	25-40	
6	2.36	393.5	9.84	78.46	21.54	15-30	
7	0.06	300.5	7.51	85.97	14.03	(8-22)	
8	0.075	441.5	11.04	97.01	2.99	0-5	

Note:

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Test Report
Aggregate Gradation

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	5
Date	9-Mar-2020

Weight of Sample: 4000 gms

Sl. No.	I.S. Sieve size (mm)	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORT&H	
1	53	0	0	0	100	100	Gradation satisfies the MORT&H Specification for Wet Mix macadam
2	45	112	2.8	2.8	97.2	95-100	
3	22.4	1110	27.75	30.55	69.45	60-80	
4	11.2	809	20.23	50.78	49.22	40-60	
5	4.75	720	18	68.78	31.22	25-40	
6	2.36	395	9.88	78.66	21.34	15-30	
7	0.06	302	7.55	86.21	13.79	(8-22)	
8	0.075	400	10	96.21	3.79	0-5	

Note:

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Test Report
Aggregate Gradation

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	6
Date	9-Mar-2020

Weight of Sample: 4000 gms

Sl. No.	I.S. Sieve size (mm)	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORT&H	
1	53	0	0	0	100	100	Gradation satisfies the MORT&H Specification for Wet Mix macadam
2	45	113.5	2.84	2.84	97.16	95-100	
3	22.4	1111.5	27.79	30.63	69.37	60-80	
4	11.2	810.5	20.26	50.89	49.11	40-60	
5	4.75	721.5	18.04	68.93	31.07	25-40	
6	2.36	396.5	9.91	78.84	21.16	15-30	
7	0.06	303.5	7.59	86.43	13.57	(8-22)	
8	0.075	401.5	10.04	96.47	3.53	0-5	

Note:

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Test Report
Aggregate Gradation

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	7
Date	9-Mar-2020

Weight of Sample: 4000 gms

Sl. No.	I.S. Sieve size (mm)	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORT&H	
1	53	0	0	0	100	100	Gradation satisfies the MORT&H Specification for Wet Mix macadam
2	45	111.5	2.79	2.79	97.21	95-100	
3	22.4	1109.5	27.74	30.53	69.47	60-80	
4	11.2	808.5	20.21	50.74	49.26	40-60	
5	4.75	719.5	17.99	68.73	31.27	25-40	
6	2.36	394.5	9.86	78.59	21.41	15-30	
7	0.06	301.5	7.54	86.13	13.87	(8-22)	
8	0.075	399.5	9.99	96.12	3.88	0-5	

Note:

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Test Report
Aggregate Gradation

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	8
Date	9-Mar-2020

Weight of Sample: 4000 gms

Sl. No.	I.S. Sieve size (mm)	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORT&H	
1	53	0	0	0	100	100	Gradation satisfies the MORT&H Specification for Wet Mix macadam
2	45	109.5	2.74	2.74	97.26	95-100	
3	22.4	1107.5	27.69	30.43	69.57	60-80	
4	11.2	806.5	20.16	50.59	49.41	40-60	
5	4.75	717.5	17.94	68.53	31.47	25-40	
6	2.36	392.5	9.81	78.34	21.66	15-30	
7	0.06	299.5	7.49	85.83	14.17	(8-22)	
8	0.075	397.5	9.94	95.77	4.23	0-5	

Note:

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